

Amendments to the Drawings:

The drawing sheets attached in connection with the above-identified application containing Figures 2, 5, 7 and 8 are being presented as sheets to be substituted for the previously submitted drawing sheets. Figures 2, 5, 7 and 8 have been amended so that the components schematically shown therein are labeled in English. Also appended to this Response is an annotated copy of the previous drawing sheet which shows the changes presented in the replacement sheets of the drawings.

REMARKS

Applicant respectfully requests reconsideration of the present application in view of the foregoing amendments and in view of the reasons that follow. This amendment adds, changes and/or deletes claims in this application. A detailed listing of all claims that are, or were, in the application, irrespective of whether the claim(s) remain under examination in the application, is presented, with an appropriate defined status identifier.

In the specification, paragraphs [0006], [0011], [0015], [0016], [0030], [0033], [0042], [0043], [0044], and [0072] have been amended.

Claims 2, 12, 22, and 26 are requested to be cancelled.

Claims 1, 7, 13-14, 17, 23, 27 and 30 are currently being amended.

After amending the claims as set forth above, Claims 1, 3-11, 13-21, 23-25, and 27-36 are now pending in this application.

Amendments to the Specification

The Examiner objected to the Disclosure on the basis of informalities and a lack of sufficiency in describing the state of the prior art under 37 CFR 1.77.

Informalities Corrected

The Examiner objected to the disclosure on the basis of usage of the word “said” in the specification. Applicant thanks the Examiner for such notations. While Paragraphs [0012] and [0029] were mentioned in the Office Action as containing the “said” language, we found no references to the such language in those paragraphs. However, Applicant has amended Paragraphs [0015], [0016], [0030], [0033], [0042], [0043], [0044] and [0072] to remove such language.

The Examiner made reference, in Item 2, to a phrase in Paragraph [0026], line 3: “drain at the source” which should be rewritten as “drain and the source”. However, this phrase was not in

Paragraph [0026] but was found in Paragraph [0030], line 3 as consistent with in the published application (U.S. 2005/0083715 A1). Accordingly, Applicant submit the above changes to Paragraph [0030] in response to the Examiner's comment regarding "drain at the source" in Item 2.

Description of the Prior Art

Applicant points the Examiner to Paragraphs [0007-0010] in understanding the problems involved in the prior art which are solved by the Applicant's invention. Specifically, Paragraphs [0009] and [0010] explain the detrimental aspects of the prior art.

Priority – 35 U.S.C. 119(a)-(d)

In Item 1, the Examiner states that a translation of the international application into the English language, as required by 35 U.S.C. 371(c)(2), has not been received. However, Applicant included an English translation of the international application when the U.S. Application was filed on July 15, 2004. Provided is the returned post card which indicates that the English translation of the international application was included with the filing. Applicant acknowledges that there may have been some nonconforming text in the originally filed English translation. Therefore, Applicant includes another copy of the English translation of the international application without any strikethrough text with this Response.

Amendments to the Drawings – 37 CFR 52(b)(1)(ii)

Applicant thanks the Examiner for the remarks made in Item 4 of the Office Action. The drawings have been amended as detailed above and shown in the attached replacement Sheets and annotated sheets – specifically, Sheets 2, 5, 7 and 8 of the drawings.

Claim Rejections – 35 U.S.C. § 112

The Examiner rejected Claims 16, 28 and 36 under § 112 asserting that the specification does not mention a vehicle or the electrical networks being components of a vehicle. However, the specification does make reference to this technology being utilized in an automobile or

vehicle. Applicants respectfully ask the Examiner to review Paragraph [0002] describing the technical field of the invention – “The present application relates to a voltage converter and finds applications, in particular, in the automotive field.” Applicants believe this is sufficient detail to enable a person of ordinary skill in the art to make and/or use the invention in a vehicle or automobile.

Applicant believes that the present application is in condition for allowance. Favorable reconsideration of the application as amended is respectfully requested.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

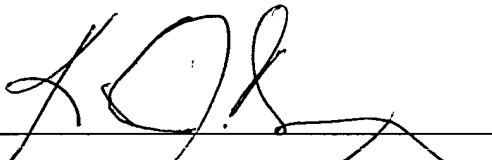
The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 06-1447.

Should no proper payment be enclosed herewith, as by a check or credit card payment form being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1447. If any extensions of time are needed for timely acceptance of papers submitted herewith, Applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 06-1447.

Respectfully submitted,

Date 4/21/2006

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FIG. 2.

The diagram illustrates a protection management unit (100) for a power system. The unit is connected to a 42V source (1) and a 24V source (4). It includes a detector (D1) and a controller (C1). The detector (D1) is connected to a switch (S) and a relay (13). The controller (C1) is connected to a switch (S) and a relay (13). The unit also includes a capacitor (17) and a resistor (15). The unit is connected to a power system (101) via a switch (102) and a relay (103).

